JIN PROJECT STATUS REPORT

AOC Disposition Transfer to WSP   **12/03**
Administrative Office of the Courts

Project Manager: Wayne Clare   **Executive Sponsor:** Tom Clarke

Description: The AOC Disposition Transfer to WSP project transmits disposition data electronically from the Administrative Office of the Courts (AOC) database to the Washington State Patrol (WSP) criminal history database. When all phases of this project are complete, a significant percentage of the criminal history records will be updated automatically at the WSP upon receipt AOC. This exchange will comply with the JIN standards to use XML and SOAP to implement a near-time data exchange process.

Technology: XML, SOAP, Java, and DB2.

Budget:

Major Milestones or Phases	Grant	AOC	Total
Inception Phase	$ 19,750	$ 2,194	$ 21,944
Elaboration – Functional Design and Standards	$ 10,000	$ 1100	
Construction			
Iteration 1 – Superior Court	$ 22,500	$ 2,400	
Iteration 2 – CLJ (District & Municipal Courts)	$ 22,500	$ 2,400	
JDBC Driver review		$ 2,500	
Transition	$ 15,000	$ 1,867	
Totals	$ 15,000	$ 9,167	$ 24,167
			$ 88,611

Schedule:

Major Milestones or Phases	Start	Completion	Status
Inception Phase	December 02	February 03	Finished
Elaboration Phase	June 03	August 03	Finished
Construction Phase – Superior Courts	August 03	January 04	Started
Construction Phase – CLJ	September 03	January 04	Started
Transition Phase	January 04	February 04	Not Started

Status: The overall project is on schedule with appropriate budget. The data exchange should reach operational status in the first quarter next year. Several dates have been adjusted to accommodate some architectural changes in the data exchange.

Accomplishments this period: Design of the system has been completed. Developers from Lightyear are developing the code for the data exchange. Minor changes to the legacy code at AOC will be required.

Lightyear has conducted a search for a JDBC driver that supports updating Microsoft SQL Server 2000's CLOB or BLOB type and found such a driver.

Lightyear staff has done extensive SCOMIS and JIS legacy code analysis in an effort to fine tune the business analysis of the AOC-WSP disposition data exchange process to make sure that all details have been covered correctly.

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Based on the analysis of the SCOMIS and JIS legacy code, and the newly received WSP XML schema (with all the required fields to be transmitted), Lightyear has finished the business analysis and design of the new J2EE system. Following the design, Lightyear has also finished more than 50% of the construction.

Lightyear has also constructed JUnitEE testing framework as specified by AOC standard.

Issues / Risk:

1. Schedule. Reconciling the disposition data to the Justice XML Data Dictionary Version 3.0 will require an undefined amount of time. A moderate schedule overrun is probable.

2. WSP Test Data Delay. WSP will deliver a database script in order to replicate a Microsoft SQL Server 2000 database locally to perform the testing of the reception part of the program. The script needs to be delivered in the early January 2004 timeframe to meet schedule requirements.

3. Test Data. Lightyear has requested that the AOC testers develop a test database and other test support. Unfortunately, the size of database precludes a separate test database. Lightyear will have to use the designated test material (FOACDB2D database, with the DEVDISD schema). This issue has been discussed to some degree with the DBAs. It is not possible for a separate schema to be created. However, other items in Lightyear's request regarding test data may be accommodated.

4. Legacy Code Maintenance. Based on Lightyear communications, AOC has responsibility to make legacy code changes necessary to support the data exchange. In their words:

"AOC is still responsible for the modification of the current code base. This involves a minor change to the following programs: JSUWASIS for SCOMIS, and the DN5400PX on the JIS side. This is required for the full transition test period, but not necessarily required for the unit testing."

This request has been passed on to the Mainframe Maintenance manager at AOC for review. AOC staff will be scheduled for work in the January to February 2004 timeframe.

6. Standardize the JUnitEE testing procedures and the ANT scripts. Lightyear had been waiting for AOC to standardize the JUnitEE testing procedures and the ANT scripts. Lightyear has deemed it necessary to proceed writing the unit tests to allow the project to proceed. AOC will publish the JUnitEE testing procedures and the ANT scripts sometime in December 2003.

Recommendation: None required.

Plans for next period: Lightyear staff are doing extensive SCOMIS legacy code analysis in an effort to fine tune the business analysis of the AOC-WSP disposition data exchange process to make sure that all details have been covered correctly.

As per discussions with Scott Came during the AOC onsite meeting, the Web Service is going to use AXIS implementation of RPC approach.

At this time the goal of Lightyear development is to submit to AOC the completed code base, unit tests, and test plans in the January timeframe.